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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **NISHIUCHI, et al.**

Group Art Unit: 1763

Serial No.: 10/615,381

Examiner: **Richard R. BUEKER**

Filed: **July 9, 2003**

P.T.O. Confirmation No.: 1378

For. **SURFACE TREATING APPARATUS (AS AMENDED)**

**INFORMATION DISCLOSURE STATEMENT AND STATEMENT
PURSUANT TO 37 CFR 1.97(d)**

Attn: Group Director

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

August 2, 2007

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. A copy of each non-U.S. Patent document is attached.

This Information Disclosure Statement is submitted after the mailing of a final action, a Notice of Allowance, or an action that otherwise closes prosecution in the application, but on or before payment of the Issue Fee.

The undersigned hereby certifies:

XX That each item of information contained in this Information Disclosure Statement was first cited in a communication from the European Patent Office in a counterpart application on June 4, 2007, not more than three months prior to the filing of this Information Disclosure Statement;

08/03/2007 HLE333 00000075 012340 10615381

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Information Disclosure Statement Under 37 CFR 1.97(d)
U.S. Patent Application Serial No. 10/615,381

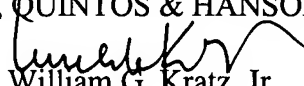
____ That no item of information contained in this statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no information contained in this statement was known to any individual designated in 37 CFR § 1.56(c) more than three months prior to the filing of this statement.

The above information is presented so that the Patent and Trademark Office can determine any materiality thereof to the claimed invention. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the documents cited in the attached Form PTO-1449 be made of record therein and appear on the first page of any patent to issue therefrom.

Please charge the \$180.00 fee required under 37 CFR § 1.17(p) to Deposit Account No. 01-2340.

Respectfully submitted,

KRATZ, QUINTOS & HANSON, LLP


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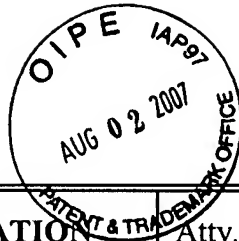
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PATENT TRADEMARK OFFICE

Enclosures: PTO 1449; Copy of ESR dated June 4, 2007; References (9)



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| INFORMATION DISCLOSURE CITATION PTO-1449 | Atty. Docket No. 000593B | Serial No. 10/615,381 |
| | Applicant(s): NISHIUCHI, et al. | |
| | Filing Date: July 9, 2003 | Group Art Unit: 1763 |

U.S. PATENT DOCUMENTS

| Examiner Initial | Document No. | Name | Date | Class | Subclass | Filing Date (If appropriate) |
|---------------------|-----------------|-----------|-----------------|------------|----------|---------------------------------|
| _____ | AA | 4,581,113 | Morimoto et al. | 04-08-1986 | 204 | 192 |
| _____ | AB | 4,534,840 | Shindo et al. | 08-13-1985 | 204 | 192 |
| _____ | AC | 4,837,114 | Hamada et al. | 06-06-1989 | 427 | 127 |
| _____ | AD | | | | | |
| _____ | AE | | | | | |

FOREIGN PATENT DOCUMENTS

| | Document No. | Date | Country | Translation (Yes or No) |
|-------|--------------|--------------|------------|----------------------------|
| _____ | AF | EP 0 104 916 | 04-04-1984 | EPO |
| _____ | AG | EP 0 811 994 | 12-10-1997 | EPO |
| _____ | AH | | | |
| _____ | AI | | | |
| _____ | AJ | | | |

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| | Applicant(s): NISHIUCHI, et al. | |
| | Filing Date: July 9, 2003 | Group Art Unit: 1763 |

OTHER DOCUMENTS

| | | |
|----------|----|---|
| _____ | AK | Ahmed et al.: "ION VAPOUR DEPOSITION FOR CORROSION PROTECTION OF PERMANENT MAGNETS,"Modern Magnetic Materials, Conference Proceedings, June 20, 1989, pp. 8301-8309. |
| _____ | AL | Dhere et al.: "PURITY AND MORPHOLOGY OF ALUMINUM FILMS," <i>Thin Solid Films</i> , Switzerland, Vol. 30, No. 2, December 1975, pp. 267-279. |
| _____ | AM | Dhere et al.: "THE MORPHOLOGY OF THICK EVAPORATED ALUMINUM FILMS AND THEIR PURITY AS DETERMINED BT PROTON-INDUCED X-RAY ANALYSIS," <i>Thin Solid Films</i> , Switzerland, Vol. 44, No. 1, July 1, 1977, pp. 29-42. |
| _____ | AN | Wytenburg et al.: "Long-lived aluminum evaporation source for controlled, reproducible deposition of clean ultrathin films under ultrahigh vacuum conditions," <i>Journal of Vacuum Science & Technology: Part A</i> , Vol. 10, No. 6, November 1, 1992, New York, New York, pp. 3597-3598. |
| _____ | AO | Lawley et al.: "EFFECT OF HYDROGEN ON THE YIELDING BEHAVIOR OF MOLYBDENUM," <i>ACTA Metalurgica</i> , Vol. 9, USA, September 1961 , pp. 841-850. |
| _____ | AP | Koiwa et al.: "DEHYDROGENATION OF VANADIUM BY ANNEALING WITH ZIRCONIUM FOILS," <i>Journal of the Less-Common Metals</i> , Vol. 72, No. 1, July 1980, Switzerland, pp. 125-132. |
| _____ | AQ | Love et al.: "Thick deposits of ultrahigh-purity aluminum," <i>Journal of Vaccum Science and Technology</i> , Vol. 11, No. 6, USA, November 1974, pp. 1124-1127. |
| | | |
| Examiner | | Date Considered |